

The DINO Solar Light Tower Features A Compact Trailer, Fixed brightness LED Lights, and 24 ft Masts.



DINO Mobile Solar Light Tower

DINO Solar Light Tower features a compact trailer, fixed-brightness LED lights, and 21 ft masts.

- Four heavy-duty LED light fixtures can be programmed for desired brightness from 25% to 100%. The lights can be individually aimed without the use of tools, and they stay where you point them. Select from 100W to 200W settings and up to 160,000 lumens.
- To Maximize battery life, the control is equipped with several selections, including automatic ON/OFF from dusk to dawn and selectable run times from 1 to 12 hours. The system's smart MPPT controller provides up to 30% more charging capacity, maximizing every available amp for optimal charging efficiency.
- The 'Electric Mast Operating Safety System' provides not only safety but also reduces operational requirements.
- With the electric rotating solar panel, the whole system features outstanding power efficiency for reliable performance and long runtime.
- Easy-to-read meters give local access to view all the power performance information.

For more information, please visit our website:

www.super-empower.com



"WE EMPOWER WATT MATTERS"



ABOUT OUR DINO

DINO Mobile Solar Light Tower

A COMPACT TRAILER, FIXED-BRIGHTNESS LED LIGHTS, AND 24FT MASTS

DINO Solar Light Towers provide bright, energy-efficient lighting solutions. Powered by free renewable energy from the sun, in conjunction with heavy-duty LED light fixtures, it can be used in moderate to heavy lighting applications where a diesel, gas, or electric generator-powered light tower is needed.



Flexible Light Distribution Range

- Collapsed height of 10 ft (3m)
- Maximum of 24ft tall, providing a range of light distributions



Heavy Duty Construction

- Steel mast, 5 sections, 24ft maximum
- Sealed, maintenance-free batteries
- Powder-coated body, high-visibility warning strip
- Provides a wider illumination area at 24ft max height



Clean, Quiet & Environmental Friendly

- No toxic generator exhaust
- Quiet and produce no fumes
- Ideal alternative to diesel or gas generator-powered light tower



Greater Cost Savings

- Eliminates trenching, cabling, electricity, and diesel fuel costs.
- Low maintenance with no engine or alternator



Easy To Operation and Transport

- 4 Forklift pockets, easy move
- 4 manual stabilizer legs
- Adjustable-tilt solar array
- Automatic and manual operating modes including power saving modes
- Dimmable LED lights can be individually aimed at different angles
- Electric mast operating safety system at different angles



DINO SOLAR MOBILE LIGHT TOWER

UP 160,000 Lumen

DINO 4X100W

Light: 4X100W

Lumen: 80,000LM

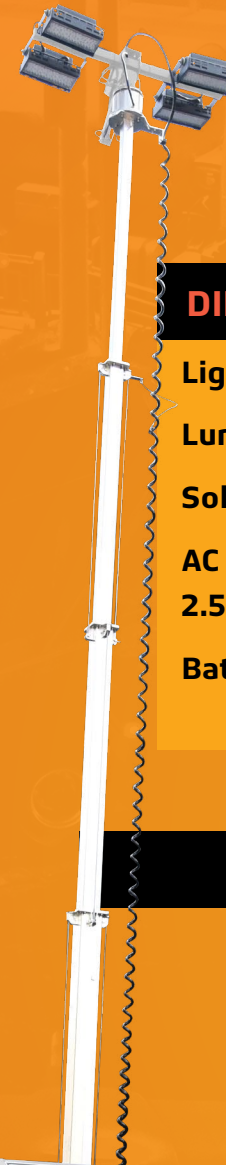
Solar Panel:
2 X 435W, Rotate and Tilt

AC Charger:
2.5KW / 2.5KVA, AC120V

Battery: 4 X 200Ah



DINO 4X100W



DINO 4X200W

Light: 4X200W

Lumen: 160,000LM

Solar Panel: 4X435W

AC Charger:
2.5KW / 2.5KVA, AC120V

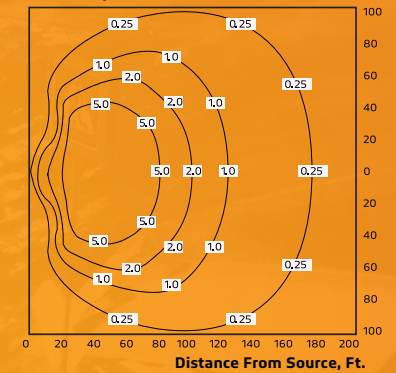
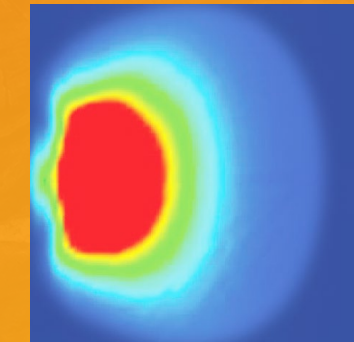
Battery: 8 X 200Ah



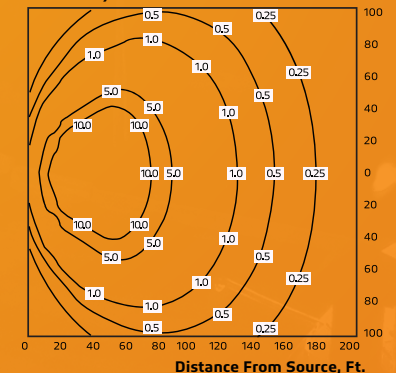
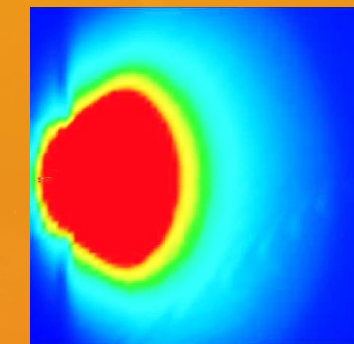
DINO 4X200W

PERFORMANCE

DINO 4 X 100W	LIGHT	Single Light Tower Isolines
	LIGHT HEIGHT	24 ft.
	LIGHTING AREA	200 X 200 ft.
	TOTAL ACREAGE	0.92
	ILLUMINANCE	1.78 fc Average across entire area at 100% brightness



DINO 4 X 200W	LIGHT	Single Light Tower Isolines
	LIGHT HEIGHT	24 ft.
	LIGHTING AREA	200 X 200 ft.
	TOTAL ACREAGE	0.92
	ILLUMINANCE	3.54 fc Average across entire area at 100% brightness

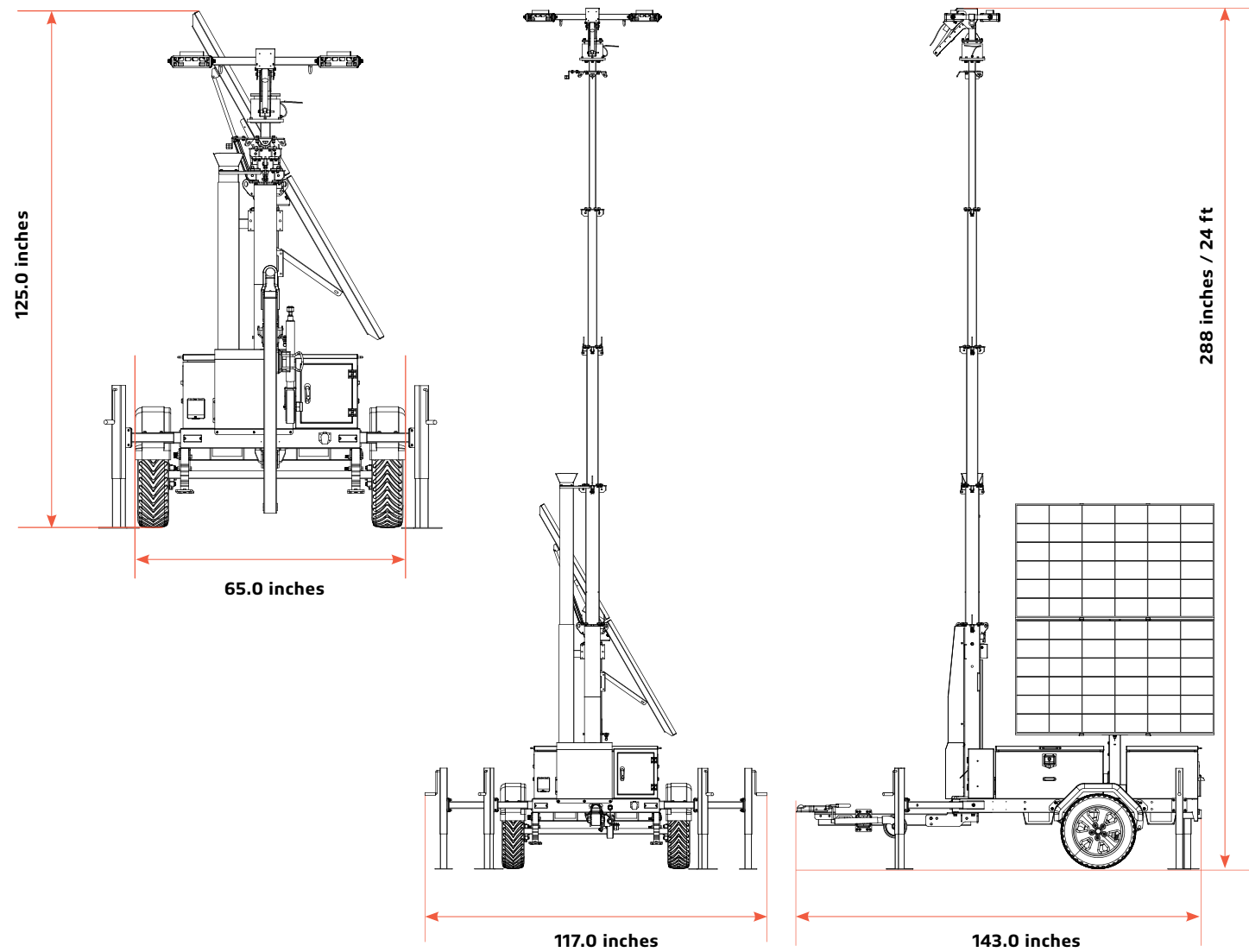


Typical recommended light levels based on Illuminating Engineering Society (IES) documents except where noted:

- General Construction:** 10 fc
- Self-parking:** 1 fc
- Active Industrial Yards:** 5 fc
- Haul Roads:** 0.5 to 1 fc
- Flagger:** 5 fc (per MUTCD)
- Quarries & Pit Mines:** 5 fc

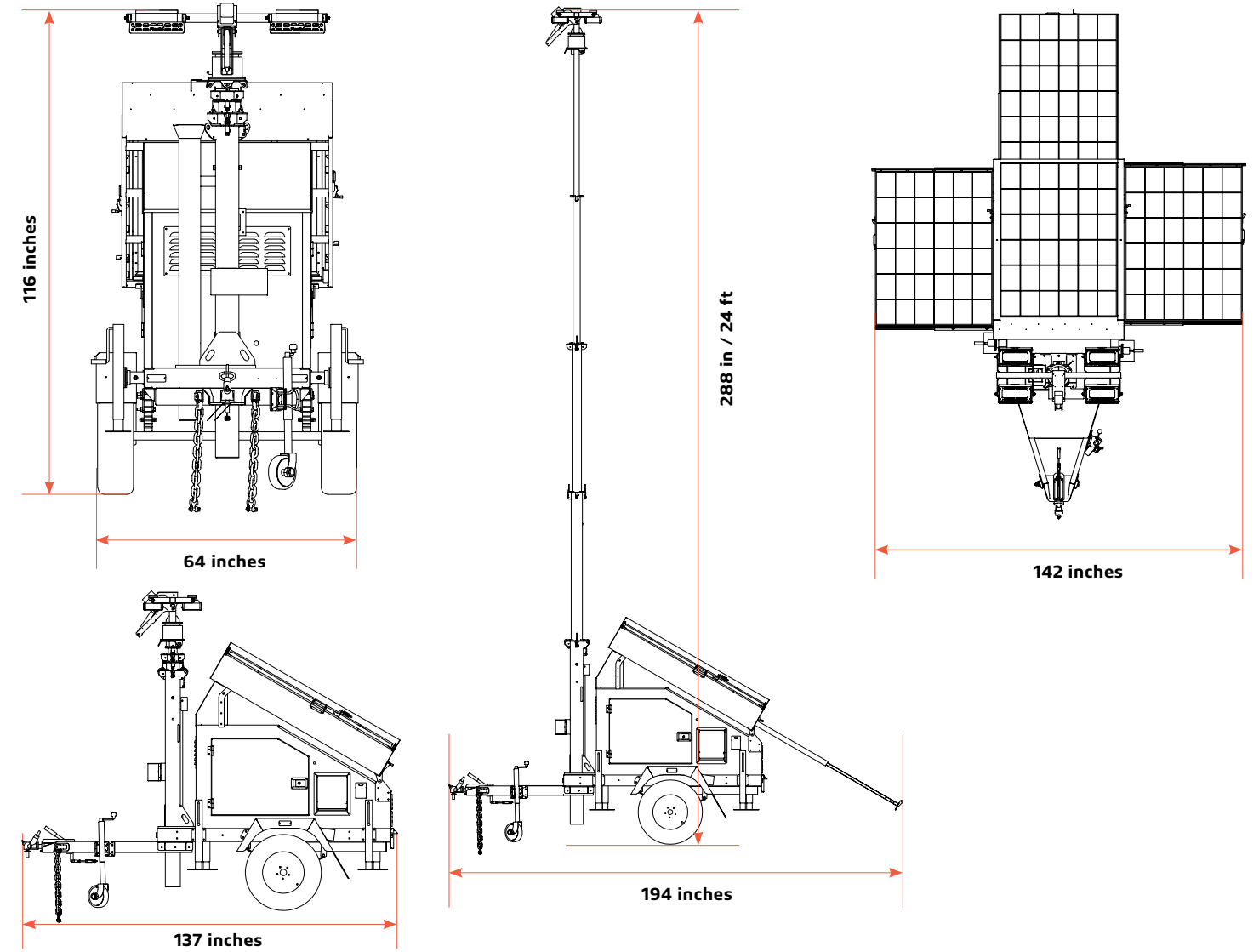
DIMENSIONAL DRAWINGS

DINO 4 X 100W Mobile Solar Light Tower



SPECIFICATIONS & PERFORMANCE

DINO 4 X 200W Mobile Solar Light Tower



SPECIFICATIONS & PERFORMANCE

DINO Solar Mobile Light Towers provide bright, energy-efficient lighting solutions. Powered by free renewable energy from the sun, in conjunction with heavy-duty LED light fixtures, it can be used in moderate to heavy lighting applications where a diesel, gas, or electric generator-powered light tower is needed.

SPECIFICATIONS	DINO 4X100W
COVERAGE AREA	35,000 ft ²
LIGHT	4 X 100W adjustable LED light fixtures
LUMINOUS FLUX	20,000 lumens per fixture, 80,000 total lumens
BATTERY CAPACITY	4 X 200Ah, DC12V, 9600Wh
BRIGHTNESS (25%)	76 hours
BRIGHTNESS (50%)	38 hours
BRIGHTNESS (75%)	25 hours
BRIGHTNESS (100%)	19.2 hours
BATTERIES	GEL (Charging Temp. -20°C/-4°F to 50°C/122°F)
WINCH	Electric Lifting
CHARGE TIME	9 hours by Solar, 5 hours by AC
AC CHARGER	2.5kW / 2.5kVA, AC120V, external plug
DEPLOYED FOOTPRINT	N/A 143 X 65in (362 X 165cm), L X W
WEIGHT APPROX.	1984lb (900kg)
SOLAR PANEL	
TYPE	Mono Crystal Silicon
QUANTITY	2
WATTAGE	2 X 435W, Rotate and Tilt

MAST

HEIGHT	24 feet (7.3m) fully extended; lights operate at any height
SECTIONS	5

TRAILER

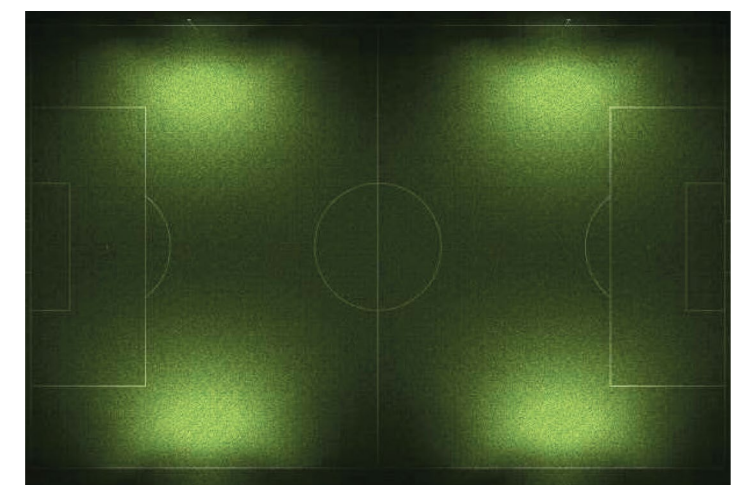
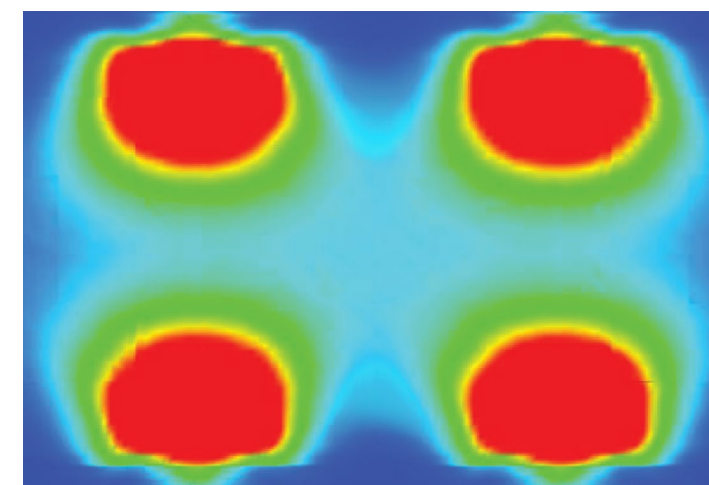
TIRE	2 X 14" rim
TOW HITCH	2" ball
AXLE	Single Suspension
FORKLIFT HOLE	2
FORKLIFT HOLE	4 X Manual Galvanized

WARRANTY

WARRANTY	1 year
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LIGHT	Four Light Towers on a Regulation Soccer Field
LIGHT HEIGHT	24 ft.
LIGHTING AREA	380 X 260 ft.
TOTAL ACREAGE	2.27
ILLUMINANCE	3.08 fc Average across entire area at 100% brightness

AVERAGE ILLUMINANCE, FC



SPECIFICATIONS & PERFORMANCE

DINO Solar Mobile Light Towers provide bright, energy-efficient lighting solutions. Powered by free renewable energy from the sun, in conjunction with heavy-duty LED light fixtures, it can be used in moderate to heavy lighting applications where a diesel, gas, or electric generator-powered light tower is needed.

SPECIFICATIONS	DINO 4 X 200W
COVERAGE AREA	35,000 ft ²
LIGHT	4 X 200W adjustable LED light fixtures
LUMINOUS FLUX	40,000 lumens per fixture, 160,000 total lumens
BATTERY CAPACITY	8 X 200Ah, DC12V, 19,200Wh
BRIGHTNESS (25%)	76 hours
BRIGHTNESS (50%)	38 hours
BRIGHTNESS (75%)	25 hours
BRIGHTNESS (100%)	19.2 hours
BATTERIES	GEL (Charging Temp. -20°C/-4°F to 50°C/122°F)
WINCH	Electric Lifting
CHARGE TIME	9.3 hours by Solar, 8 hours by AC
AC CHARGER	2.5kW / 2.5kVA, AC120V
DEPLOYED FOOTPRINT	137 X 64in (362 X 165cm), L X W
WEIGHT APPROX.	3086lb (1400kg)
SOLAR PANEL	
TYPE	Mono Crystal Silicon
QUANTITY	4
WATTAGE	4 X 435W, Rotate and Tilt

MAST

HEIGHT	24 feet (7.3m) fully extended; lights operate at any height
SECTIONS	5

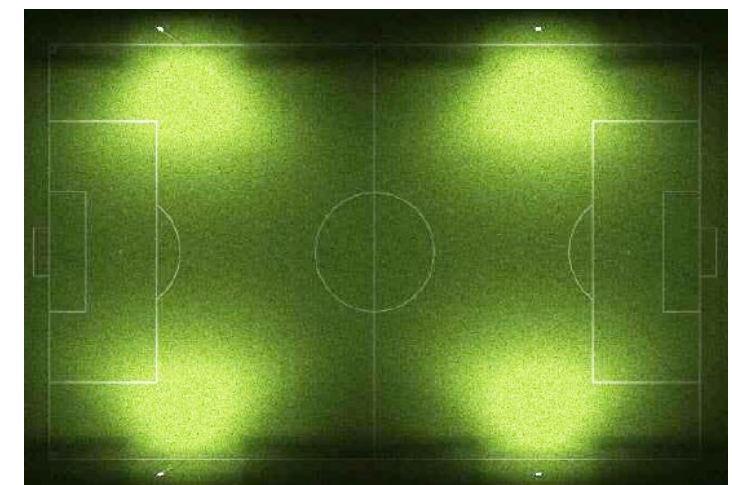
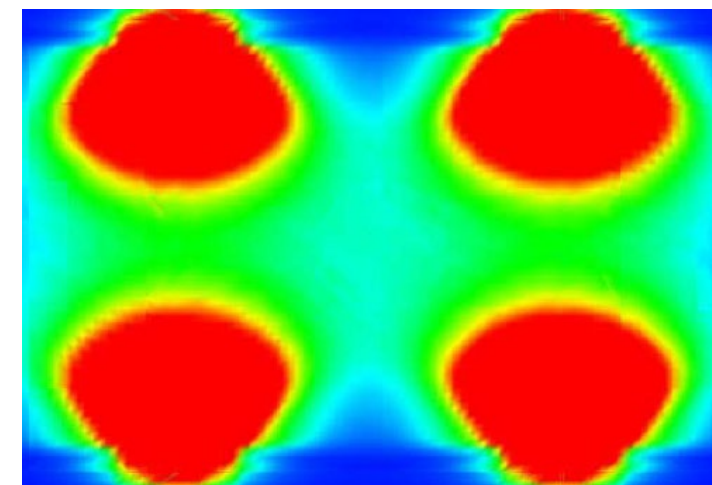
TRAILER

TIRE	2 X 15" rim
TOW HITCH	2" ball
AXLE	Singe Suspension
FORKLIFT HOLE	2
FORKLIFT HOLE	4 X Manual Galvanized

WARRANTY

WARRANTY	1 year
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- LIGHT** Four Light Towers on a Regulation Soccer Field
- LIGHT HEIGHT** 24 ft.
- LIGHTING AREA** 380 X 260 ft.
- TOTAL ACREAGE** 2.27
- ILLUMINANCE** 6.12 fc Average across entire area at 100% brightness
- AVERAGE ILLUMINANCE, FC**



REMOVABLE DOUBLE MAST HEADS



TWINKO Mobile Solar Light Tower

TWINKO mobile solar light tower provides versatile temporary lighting. It's ideal for construction sites, natural disasters, and mining operations. The double heads can be assembled with SUNLIKE 30W and SUNLIKE PRO 30W. TWINKO light tower can be easily transported from location to location.

For more information, please visit our website:
www.super-empower.com



"WE EMPOWER WATT MATTERS"



ABOUT OUR TWINKO

TWINKO Mobile Solar Light Tower

REMOVABLE DOUBLE MAST HEADS

Unlike other construction site light towers, TWINKO has removable double mast heads for storage. SOLTECH provides solar light fixtures for every application. At 15 feet high, TWINKO creates a wider illumination area that is ideal for parking lots, construction sites, mining camps, events, roadwork, and more.

- Flexible Range of Visibility**
 - 150 AH, 1,500 W integrated gel-battery ensures 120 cycles of raising and lowering the mast, one charge lasts an entire month.
 - 15 foot tower height provides a wider range of illumination area.
- Heavy Duty Guarantee**
 - Aluminium mast, 3 sections, 15 ft max.
 - Electrical winch rated to 3,000 lbs with limit sensor, DC 12V
- Clean, Quiet & Environmentally Friendly**
 - No generator emissions
 - Quiet and produce no exhausts
 - Direct alternative to diesel, gas, or electric grid
- Easy Deploy & Move**
 - Forklift pocket, base (45.2 in x 45.2 in, matches a standard pallet)
 - 4 manual stabilizer legs
- Lower Costs**
 - No trenching, cabling, electricity nor diesel costs
 - Zero emission of greenhouse gases
- Meet Specific Lighting & Operating Requirements**
 - 120VAC input plug
 - SUNLIKE mounting accessories included
 - Creates a wider illumination area at 15 ft high



12,000 LUMEN

Lighting Fixture Options

- SUNLIKE PRO 30W X 2
12,000 Lumen
- SUNLIKE 30W X 2
12,000 Lumen

(Solar Fixture Not Include)



TWINKO SOLAR MOBILE LIGHT TOWER

UP 12,000 Lumen

EC&M TWINKO
Mobile Solar Light Tower
Product of the Year
2021 Category Winner

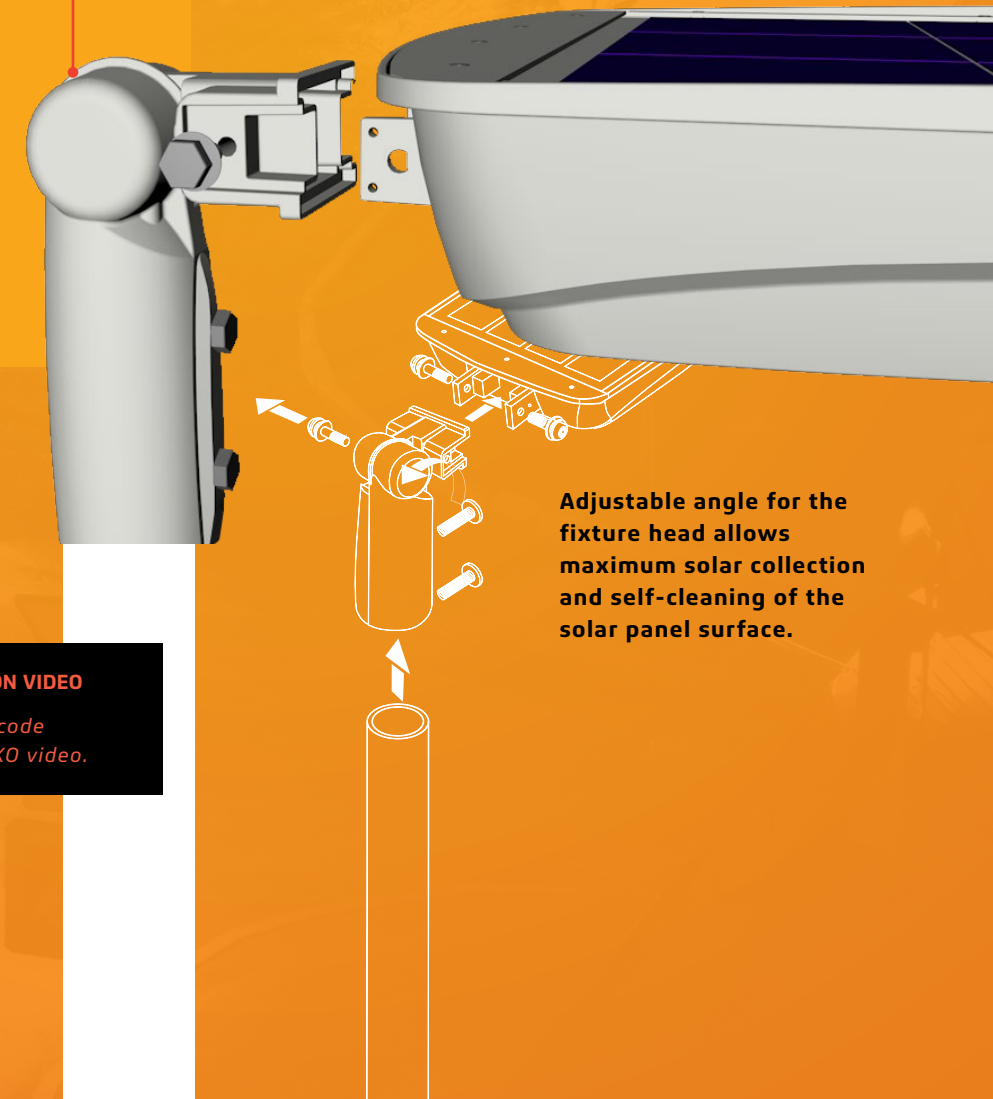


*TWINKO BATTERY NOTE

- TWINKO GEL battery can operate below 0°C/32°F.
- Located within the TWINKO Mobile Solar Light Tower's metal casing rests a dedicated GEL battery used solely for mast arm operation.
- TWINKO GEL battery life can vary between moderate and heavy use. Commonly accommodating 50-60 lift cycles per charge.

SLIP FITTER

SUNLIKE reduces total cost of ownership, and delivers high performance. This fully-integrated LED solar area light is designed for both residential and commercial areas, in four different lumen outputs: 6,000lm and 12,000lm. SUNLIKE provides superior quality light over a greater area. The integrated solar array, battery, and LED fixture simplifies mounting, for fast and easy installation. SUNLIKE eliminates trenching, cabling, electricity, and diesel fuel costs.



Adjustable angle for the fixture head allows maximum solar collection and self-cleaning of the solar panel surface.

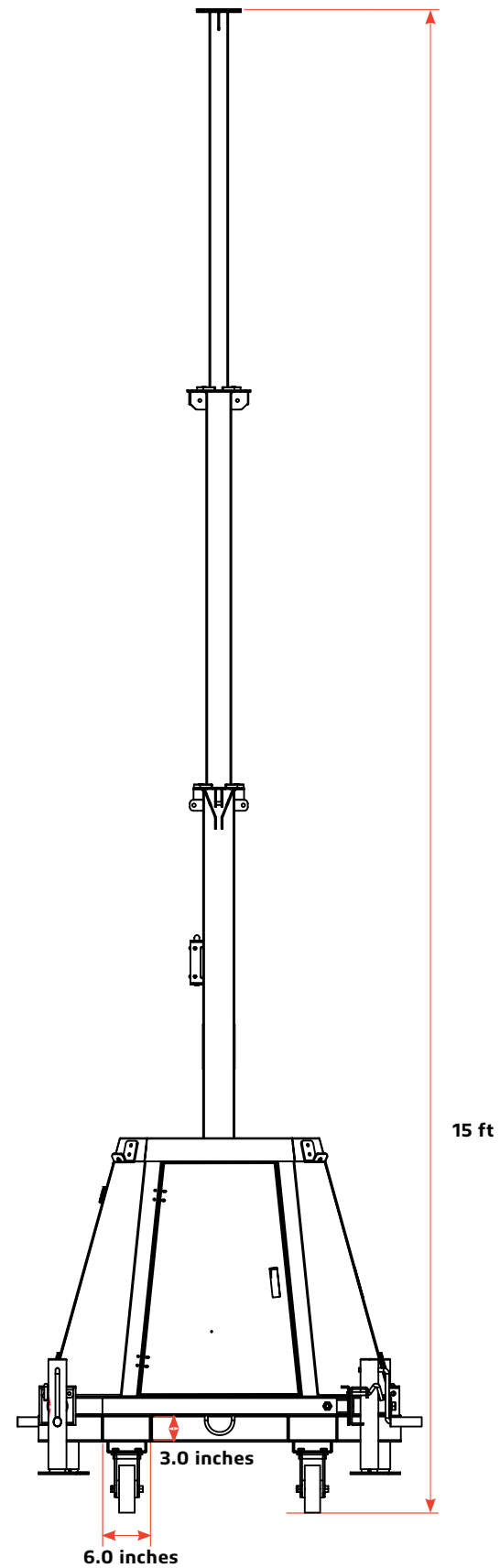
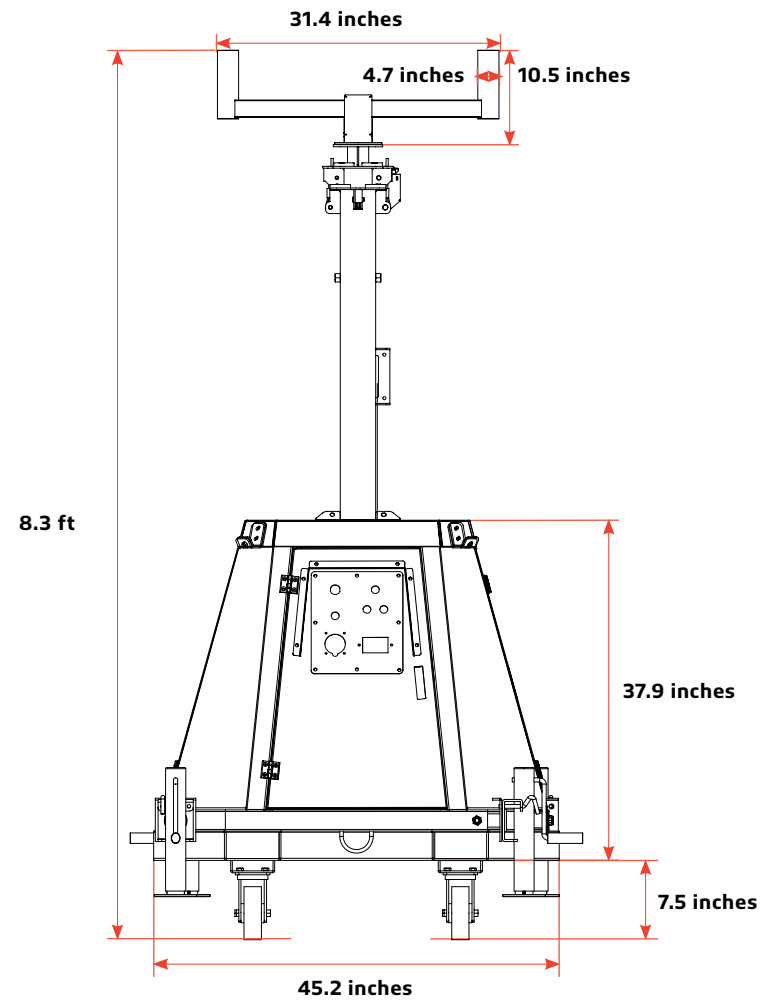


TEMPO INTRODUCTION VIDEO

Please scan the QR code to access the TWINKO video.

DIMENSIONAL DRAWINGS

TWINKO Mobile Solar Light Tower



SPECIFICATIONS & PERFORMANCE

TWINKO Mobile Solar Light Tower

SPECIFICATIONS	TWINKO
MAX HEIGHT	15ft (Without Luminaire)
COLLAPSED HEIGHT	8.3 ft (Without Luminaire)
MAST MATERIAL	Steel
MAST PROFILE	Square
MAST SECTIONS	3
OPERATION	Electric Winch 3000 Lbs, DC12V
BATTERY	GEL DC12V 150AH, 1,200 times Lift and Down Autonomy
CHARGER	1,500W AC 110V Input
MAST MAX LOAD	88 Lbs
MAX WIND SPEED	90 mph
WARNING STRIPS	Included
LIFT LIMIT STOPPER	Included
LIFTING EYES	X 4
FORK POCKETS	Included
WHEEL	Included (With Brake)
MAST FLANGE	Included
WEIGHT	1,210 Lbs (Without Luminaire)
DIMENSIONS	45.2 inches X 45.2 inches X 83.0 inches (Collapsed Without Luminaire)



LUMINAIRE SPECIFICATIONS

TWINKO Mobile Solar Light Tower

SPECIFICATIONS	SUNLIKE 30W	SUNLIKE PRO 30W
LED NOMINAL POWER	30	30
SOLAR PANEL	18V 52W	18V 52W
BATTERY	384WH 12.8V 30AH LiFePO ₄	320WH 12.8V 25AH Superior
WEIGHT	29.8 Lbs	47.1 Lbs
LUMEN OUTPUT@5000K	6,000	6,000
IP RATING	IP65	IP65
CRI	CRI > 70	CRI > 70
CASTING	ALUMINUM	ALUMINUM
EFFICIENCY@5000K	200 LM/W	200 LM/W
LED CHIP	Lumileds 5050 (215 LM-CR>70)	Lumileds 5050 (215 LM-CR>70)
* CHARGING TIME	7 Hrs	11 Hrs
RUN TIME (@FULL POWER)	10 Hrs	10 Hrs
OPERATION MODE	REMOTE CONTROL AND ONE-KEY SETTING	REMOTE CONTROL AND ONE-KEY SETTING
INSTALLATION HEIGHT	9 to 20 ft	9 to 20 ft
* OPERATING TEMPERATURE	0°C/32°F to 140°F	-30°C/-22°F to 140°F
* CHARGING TEMPERATURE	0°C/32°F to 140°F	-30°C/-22°F to 140°F

* The temperature can impact the battery's charging and normal operation. If your site's temperature is under 32°F, we advise you to use the SUNLIKE PRO model to achieve better lighting results.
 * The solar charge time data is based on 77 degree F ambient temperature with the panel pointed directly at the solar radiation. The standard radiation value is 1000W/m².



PRODUCT NUMBER BUILDER

Example: **STLWR01ESTLSTC30T33SFGY2**

This means the customer wants a Solar Mobile Tower Twinko, SUNLIKE 30W, Type III, 3000K CCT, Slip Fitter installation, with a Gray finish and 2 Fixtures.

TOWER	FIXTURE						
	SERIES	WATTAGE	OPTIC TYPE	COLOR TEMPERATURE	MOUNTING OPTIONS	FINISH	FIXTURES QTY
STLWR01E =TWINKO Solar Mobile Tower	STLSTC =SUNLIKE STLSTC PRO =SUNLIKE PRO	30 =30W 6000 Lumens	T2 =TYPE II T3 =TYPE III T4 =TYPE IV	3 =3000K 4 =4000K 5 =5000K 6 =5700K	SF =Slip Fitter	GY =Gray	2 =2



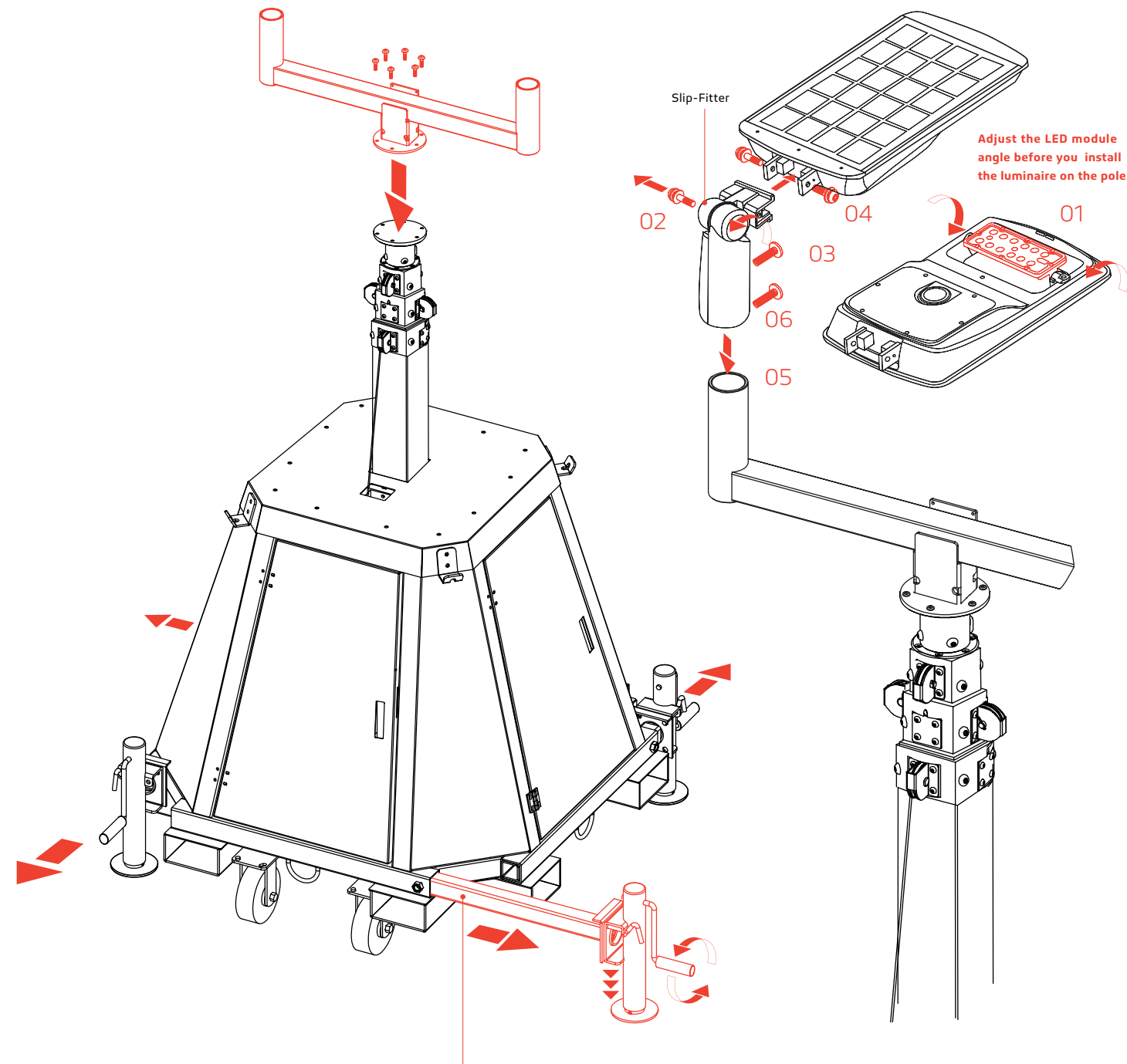
MOUNTING ACCESSORIES TWINKO Mobile Solar Light Tower



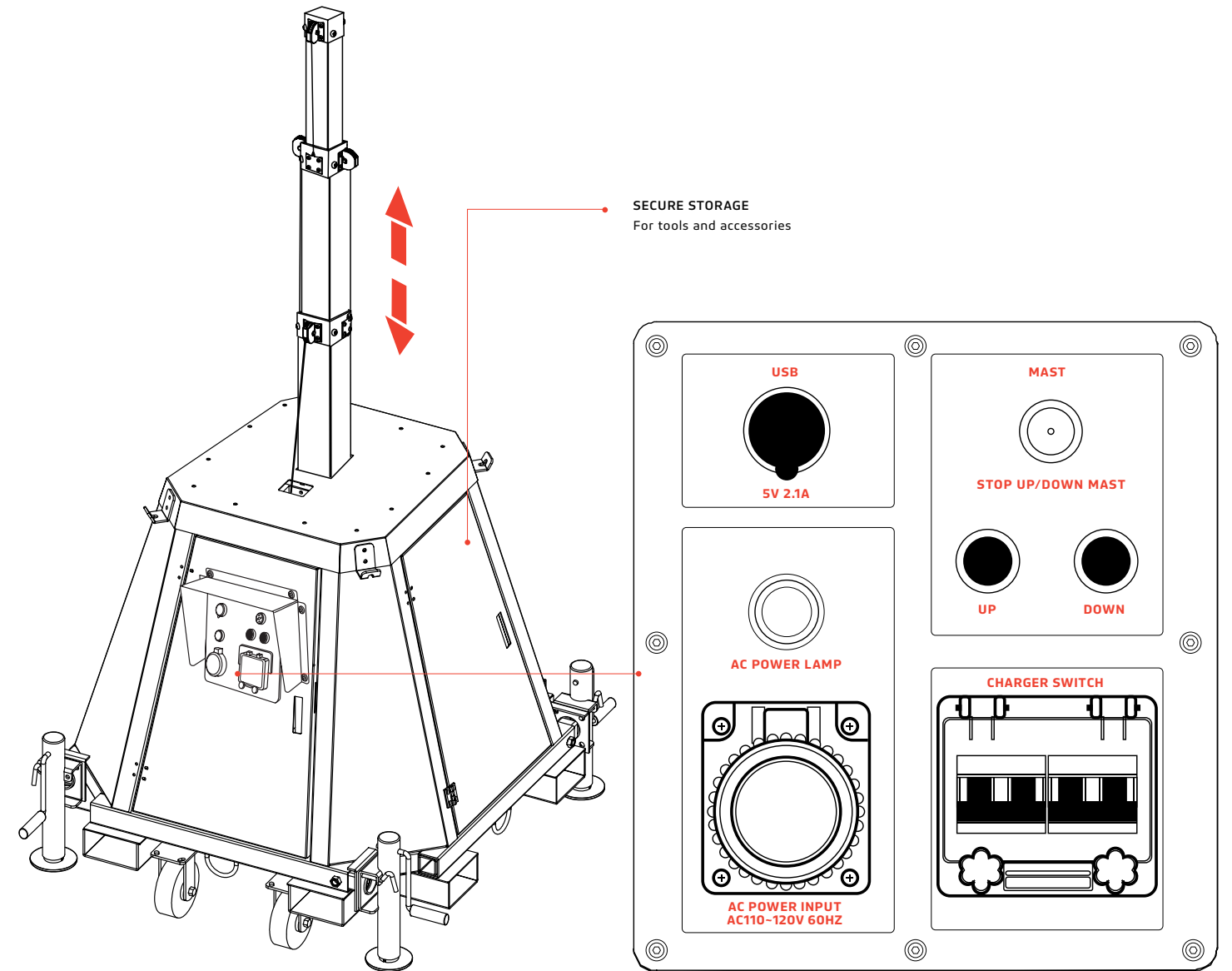
01. Install Tenon

02. Install Luminaire

03. Adjust The Pole Height



Manual Stabilizer Legs
Pull out the manual stabilizer legs at four directions and rotate handles to set up the TWINKO solar LED mobile light tower on the ground.



Press the UP and DOWN buttons on the control board to adjust the pole height.

Control Board

**THE IDEAL
MOBILE
SOLAR SOLUTION
FOR
TEMPORARY
OUTDOOR
LIGHTING.**



TEMPO Mobile Solar Light Tower

TEMPO mobile solar light tower provides versatile temporary lighting that is ideal for construction sites, natural disasters, and mining operations. The heads can be assembled with SUNLIKE 30W and SUNLIKE PRO 30W. TEMPO light tower can be easily transported from location to location. provides versatile temporary lighting. Clients can adjust the pole height by rotate the handle of the winch on the tower body. The maximum height of the TEMPO light tower pole is 13ft. It can cover most of the temporary lighting needs.

For more information, please visit our website:
www.super-empower.com



"WE EMPOWER WATT MATTERS"



ABOUT OUR TEMPO

TEMPO Mobile Solar Light Tower

THE IDEAL MOBILE SOLAR SOLUTION FOR TEMPORARY OUTDOOR LIGHTING.

The TEMPO mobile solar light tower is the ideal solution for temporary outdoor solar lighting. When combined with the SUNLIKE 20W/30W or SUNLIKE PRO 30W, the TEMPO light tower can be easily transported from location to location, without trenching, cabling, electricity, nor diesel fuel costs.



Flexible Light Distribution Range

- Collapsed height of 7 ft (2m)
- Maximum of 15ft tall, providing a range of light distributions



Heavy Duty Construction

- Steel mast, 3 sections, 15ft maximum
- Manual winch for up to 1500 lbs



Clean, Quiet & Environmental Friendly

- No toxic generator exhaust
- Quiet and produce no fumes
- Ideal alternative to diesel or gas generator-powered light tower



Greater Cost Savings

- Eliminates trenching, cabling, electricity, and diesel fuel costs.



Easy To Install and Transport

- Forklift pockets, base 40 in x 40 in (standard pallet-size)
- 4 manual stabilizer legs



High Quality Construction

- Powder-coated base, painted high-visibility orange
- SUNLIKE mounting hardware included
- Provides a wider illumination area at 16ft max height (including fixture)



6,000 | 12,000 LUMEN

Lighting Fixture Options

- SUNLIKE PRO 30W X 1
6,000 Lumen
- SUNLIKE PRO 30W X 2
12,000 Lumen
- SUNLIKE 30W X 1
6,000 Lumen
- SUNLIKE 30W X 2
12,000 Lumen

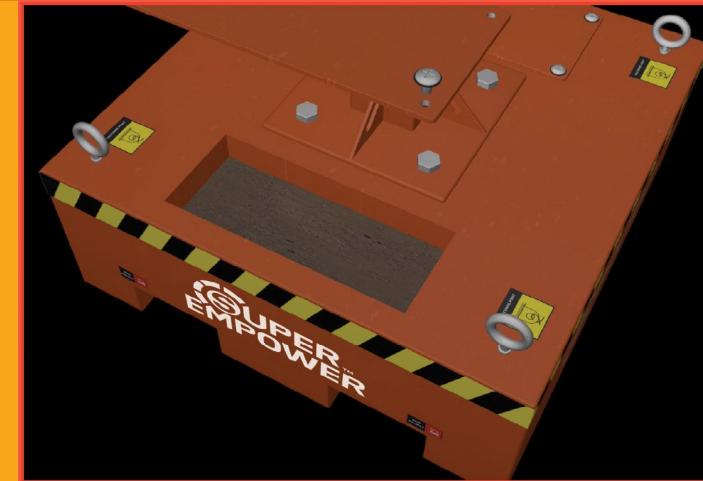
(Solar Fixture Not Include)



TEMPO SOLAR MOBILE LIGHT TOWER

UP TO 2X30W, 12,000 Lumen

SAND-WEIGHTED STEEL BUILD



Base Weight: 770lb (Without Sand)
 Maximum Sand Capacity:
 1/3 of cubic yard of sand=800lbs sand
 Max Wind Speed: 90mph

FORKLIFT TRANSPORTED



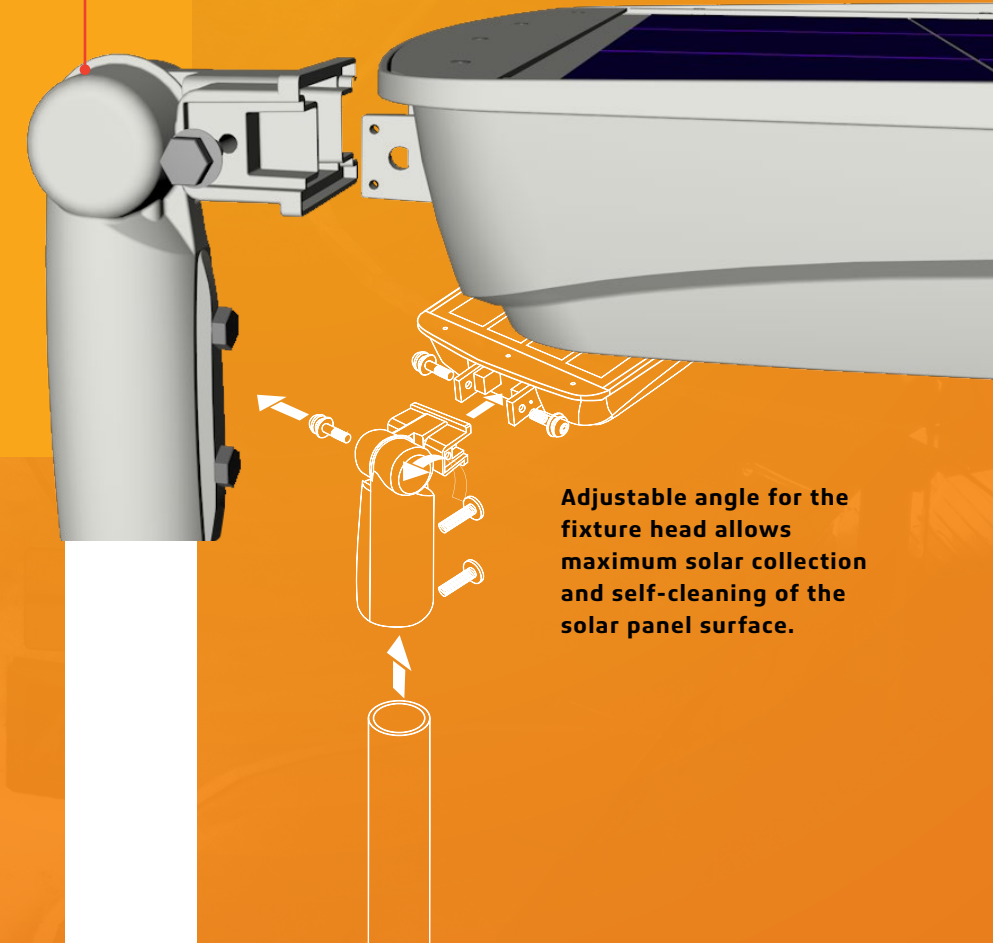
TEMPO INTRODUCTION VIDEO

Please scan the QR code to access the TEMPO video.



SLIP FITTER

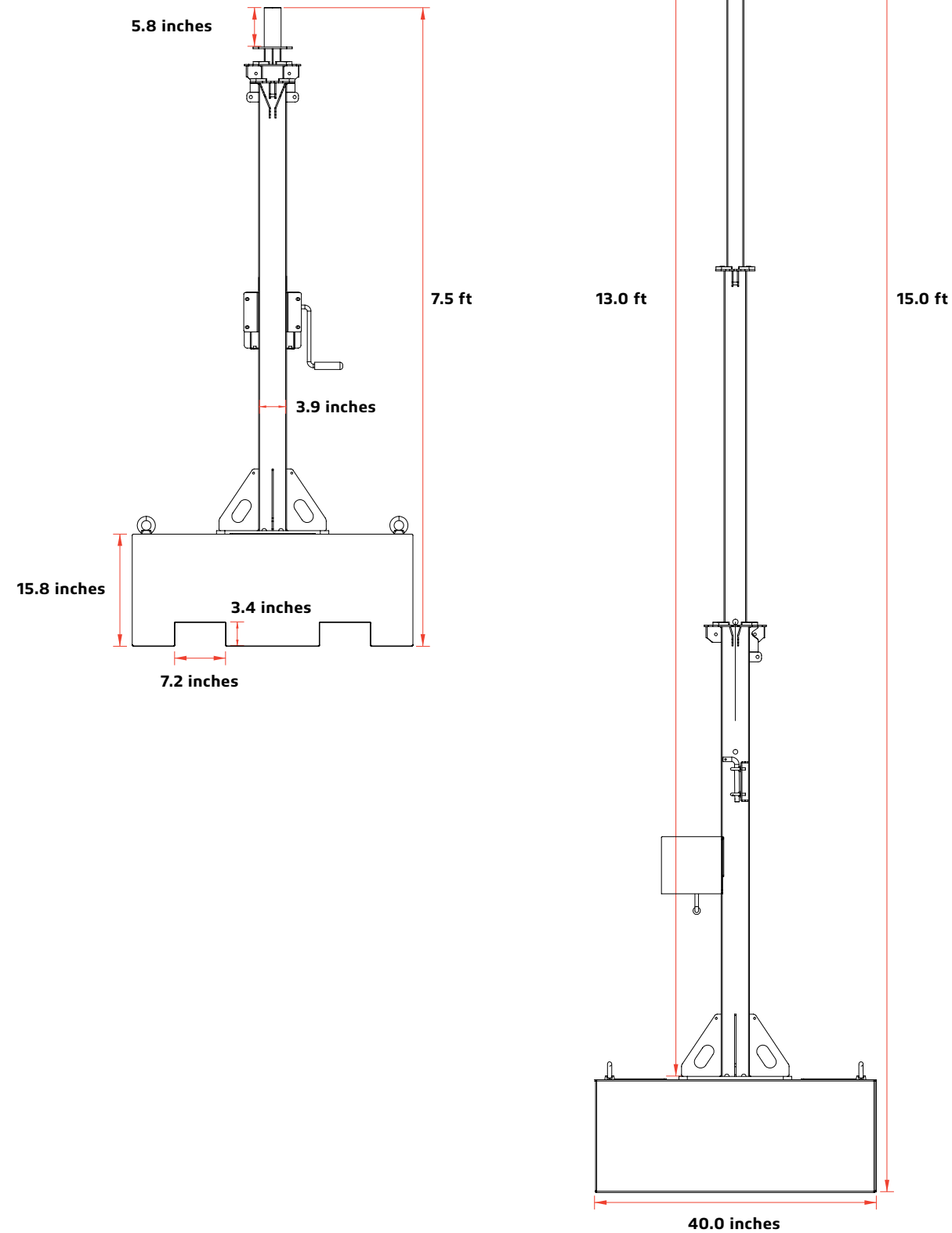
SUNLIKE reduces total cost of ownership, and delivers high performance. This fully-integrated LED solar area light is designed for both residential and commercial areas, in four different lumen outputs: 6,000lm and 12,000lm. SUNLIKE provides superior quality light over a greater area. The integrated solar array, battery, and LED fixture simplifies mounting, for fast and easy installation. SUNLIKE eliminates trenching, cabling, electricity, and diesel fuel costs.



Adjustable angle for the fixture head allows maximum solar collection and self-cleaning of the solar panel surface.

DIMENSIONAL DRAWINGS

TEMPO Mobile Solar Light Tower



SPECIFICATIONS & PERFORMANCE

TEMPO Mobile Solar Light Tower

Unlike other construction site light towers, TEMPO has a removable mast head for easier storage and transportation. The forklift pocket enables safe and easy lifting, transporting, and placement.

SPECIFICATIONS	TEMPO
MAX HEIGHT	15.0 ft (Without Luminaire)
COLLAPSED HEIGHT	7.5 ft (Without Luminaire)
MAST MATERIAL	Steel
MAST PROFILE	Square
MAST SECTIONS	3
OPERATION	Manual Winch 1500 Lbs
MAST MAX LOAD	110 Lbs
MAX WIND SPEED	90 mph
WARNING STRIPS	Included
LIFT LIMIT STOPPER	Included
LIFTING EYES	X 4
FORK POCKETS	Included
WHEEL	N/A
MAST FLANGE	Removable
WEIGHT	770 Lbs (Without Sand Ballasting and Luminaire)
DIMENSIONS	40.0 inches X 40.0 inches X 90.0 inches (Collapsed Without Luminaire)



LUMINAIRE SPECIFICATIONS

TEMPO Mobile Solar Light Tower

SPECIFICATIONS	SUNLIKE 30W	SUNLIKE PRO 30W
LED NOMINAL POWER	30	30
SOLAR PANEL	18V 52W	18V 52W
BATTERY	384WH 12.8V 30AH LiFePO ₄	320WH 12.8V 25AH Superior
WEIGHT	29.8 Lbs	47.1 Lbs
LUMEN OUTPUT@5000K	6,000	6,000
IP RATING	IP65	IP65
CRI	CRI > 70	CRI > 70
CASTING	ALUMINUM	ALUMINUM
EFFICIENCY@5000K	200 LM/W	200 LM/W
LED CHIP	Lumileds 5050 (215 LM-CR>70)	Lumileds 5050 (215 LM-CR>70)
* CHARGING TIME	7 Hrs	11 Hrs
RUN TIME (@FULL POWER)	10 Hrs	10 Hrs
OPERATION MODE	REMOTE CONTROL AND ONE-KEY SETTING	REMOTE CONTROL AND ONE-KEY SETTING
INSTALLATION HEIGHT	9 to 20 ft	9 to 20 ft
* OPERATING TEMPERATURE	0°C/32°F to 140°F	-30°C/-22°F to 140°F
* CHARGING TEMPERATURE	0°C/32°F to 140°F	-30°C/-22°F to 140°F

* The temperature can impact the battery's charging and normal operation. If your site's temperature is under 32°F, we advise you to use the SUNLIKE PRO model to achieve better lighting results.

* The solar charge time data is based on 77 degree F ambient temperature with the panel pointed directly at the solar radiation. The standard radiation value is 1000W/m².



PRODUCT NUMBER BUILDER

Example: **STLWR02MSTLSTC0303SFGY**

This means the customer wants a Solar Mobile Tower TEMPO, SUNLIKE 30W, 3000K CCT, Slip Fitter installation, with a Gray finish.

TOWER	FIXTURE					
	SERIES	WATTAGE	OPTIC TYPE	COLOR TEMPERATURE	MOUNTING OPTIONS	FINISH
STLWR02M=TEMPO Solar Mobile Tower	STLSTC=SUNLIKE STLSTCPRO=SUNLIKE PRO	30=30W 6000 Lumens	T2=TYPE II T3=TYPE III T4=TYPE IV	3=3000K 4=4000K 5=5000K 6=5700K	SF=Slip Fitter	GY=Gray

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Sample Number: **STLWR02MSTLSTC30T33SFGY**

DO NOT send the sample number directly to our salesperson. Use the information in the chart above to create a model number with the correct series, wattage, temperature, mounting option, and finish for the product that you want.

MOUNTING ACCESSORIES **TEMPO** Mobile Solar Light Tower

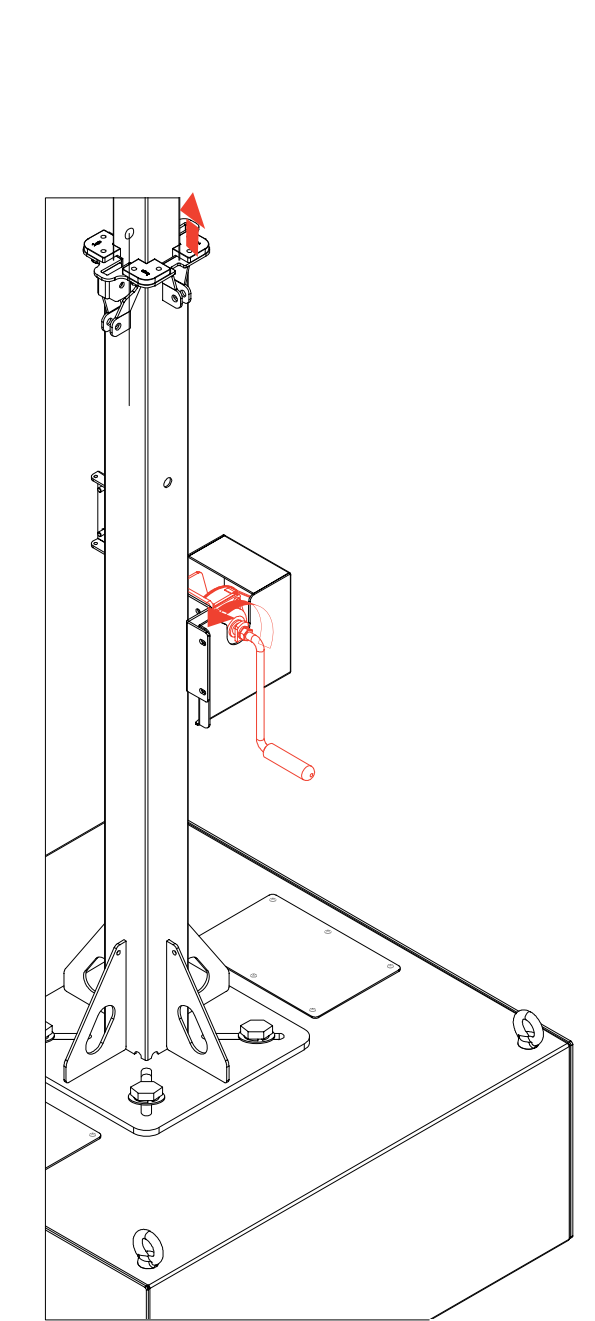
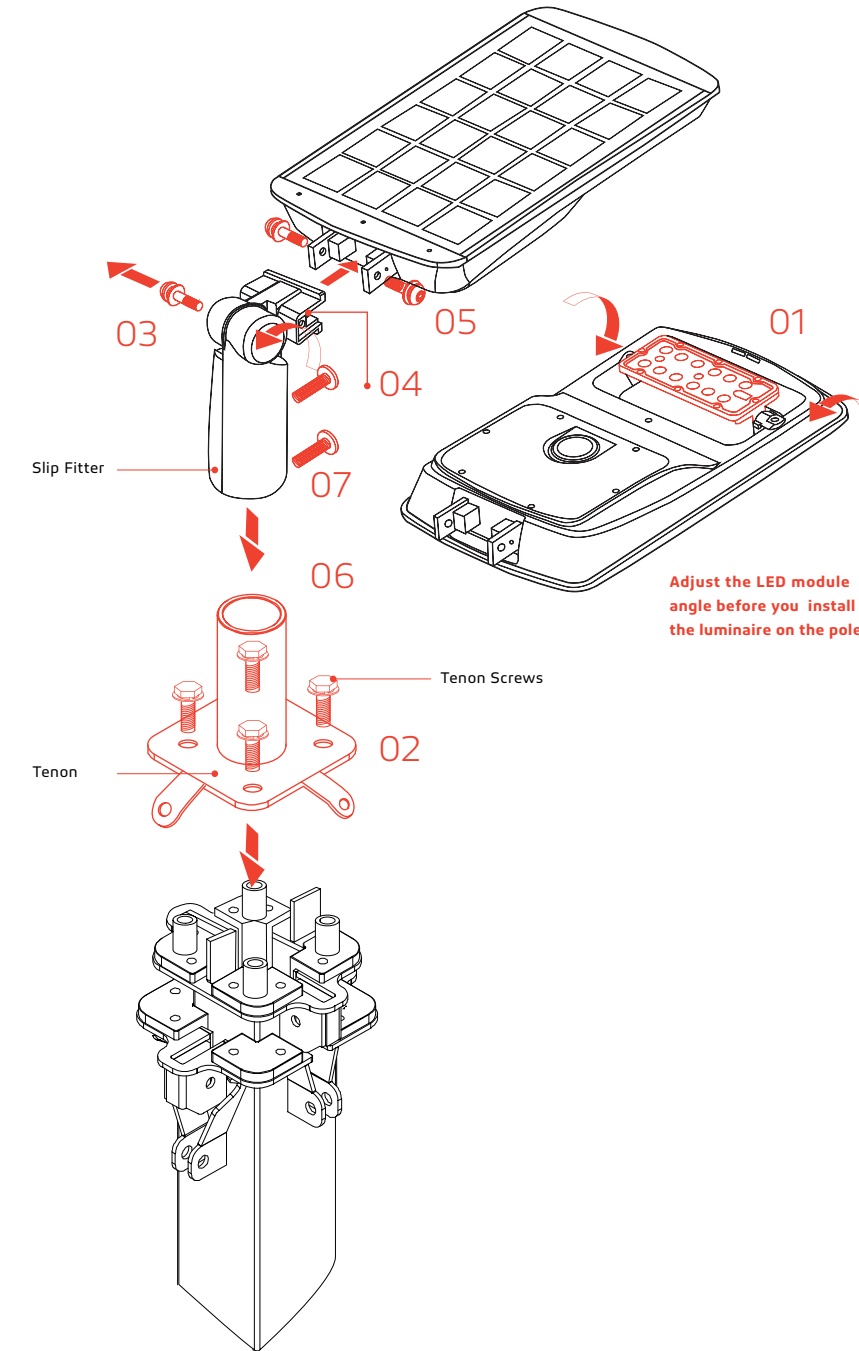
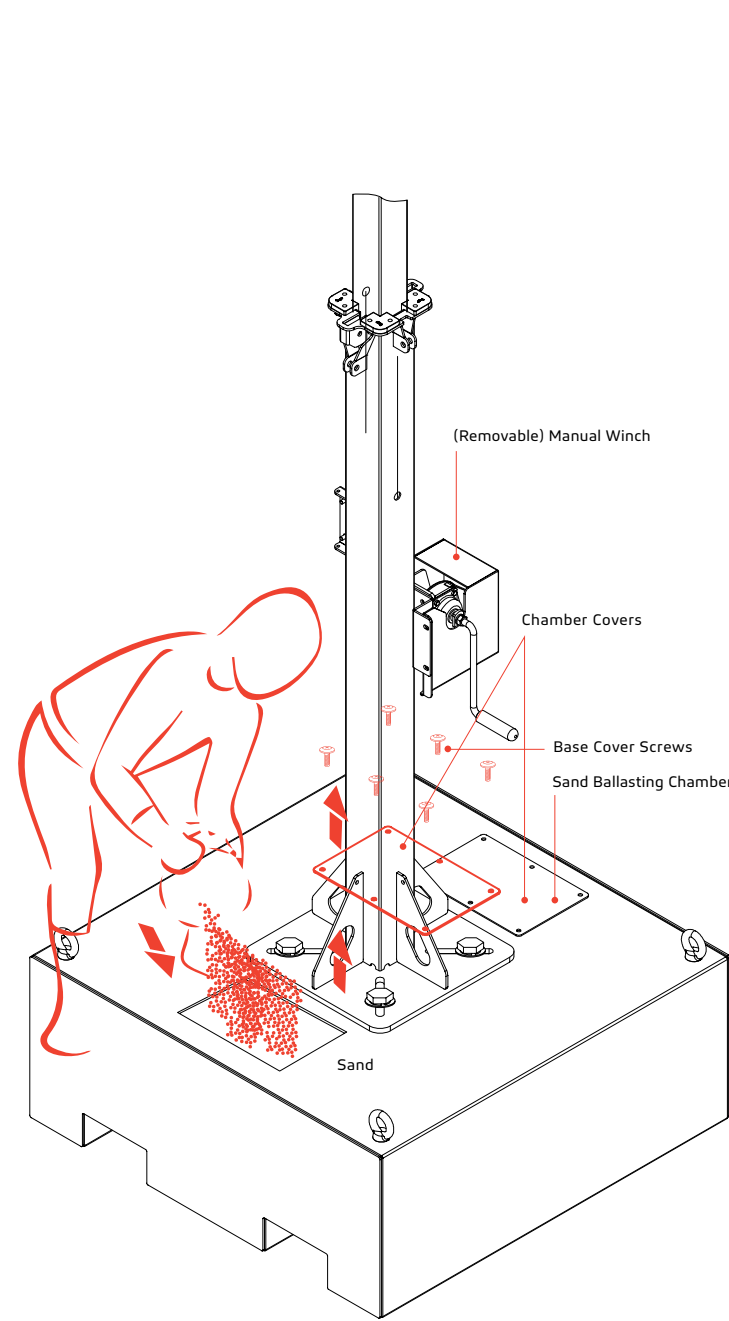
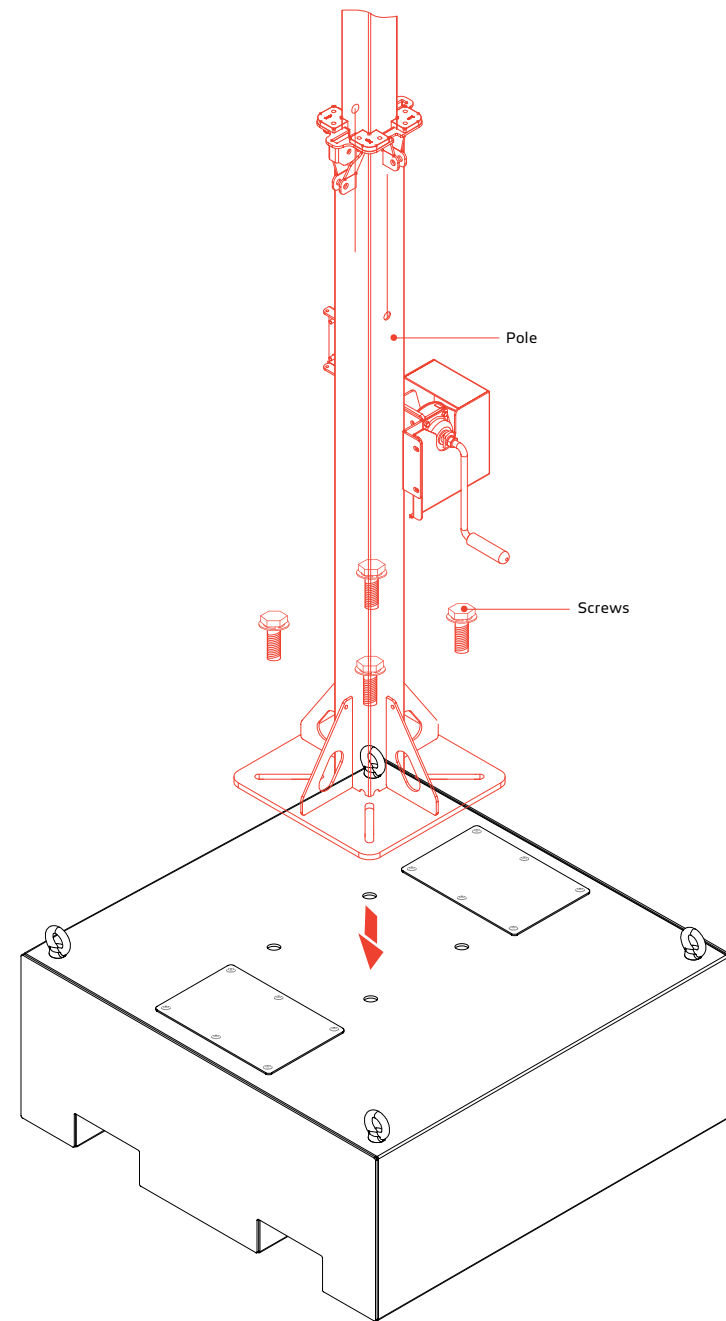


01. Install The Pole

02. Sand Ballasting

03. Install Tenon and Luminaire

04. Adjust The Pole Height



Install the pole on the base with pole screws.

Open the Chamber covers on both sides and put sand in.

Install Tenon and Luminaire on the top of the pole.

Rotate the handle to adjust the height of the pole.

Plug and Play Design The Most Convenient Solution For Temporary Outdoor Lighting



PORTA Solar Mobile Portable Pole

PORTA Solar Mobile Portable Pole has the most convenient plug and play design for clients who are searching for temporary lighting solution. For this reason, users can easily transfer it from place to place and set it up quickly. Because PORTA can work with many different SOLTECH solar fixtures, users do not need to do trenching and wiring which can save a lot of cost for them. PORTA has two pole heights and two base weights for client to choose. At the same time, client can choose different fixture options to fit their lighting needs.

For more information, please visit our website:
www.super-empower.com



"WE EMPOWER WATT MATTERS"



ABOUT OUR PORTA

PORTA Mobile Solar Portable Pole

PLUG AND PLAY DESIGN THE MOST CONVENIENT SOLUTION FOR TEMPORARY OUTDOOR LIGHTING

Solar Mobile Portable Pole PORTA has the most convenient plug and play design for clients who are searching for temporary lighting solution. For this reason, users can easily transfer it from place to place and set it up quickly.



Multiple Lighting Options

- PortaPole offers a safe yet inexpensive solution for illuminating roads and pedestrian pathways during nighttime.
- Durable and sleek, this portable lighting solution is compatible with SOLTECH's FLUX, SUNLIKE, solar lights to illuminate the dark corners around you.



Heavy Duty Construction

- Durable pole bases that are aerodynamic and heavy enough to stay upright, yet light enough to be tipped and rolled to another location.
- Round plastic post with safety yellow cap, 5 and 8 foot posts available
- Autonomous operation from dusk to dawn



Easy Deploy & Move

- Durable Design: 70-150lb Weighted Base
- No Assembly Required
- Rapid Deploy Setup



Clean, Quiet & Environmental Friendly

- Made in the USA from 100% post-consumer recycled rubber and plastic makes our bases the most durable, attractive, and eco-friendly base on the market.



Greater Cost Savings

- Eliminates trenching, cabling, electricity, and diesel fuel costs.



PORTA SOLAR MOBILE PORTABLE POLE

UP 6,000 Lumen



SUNLIKE 8W | 20W | 30W



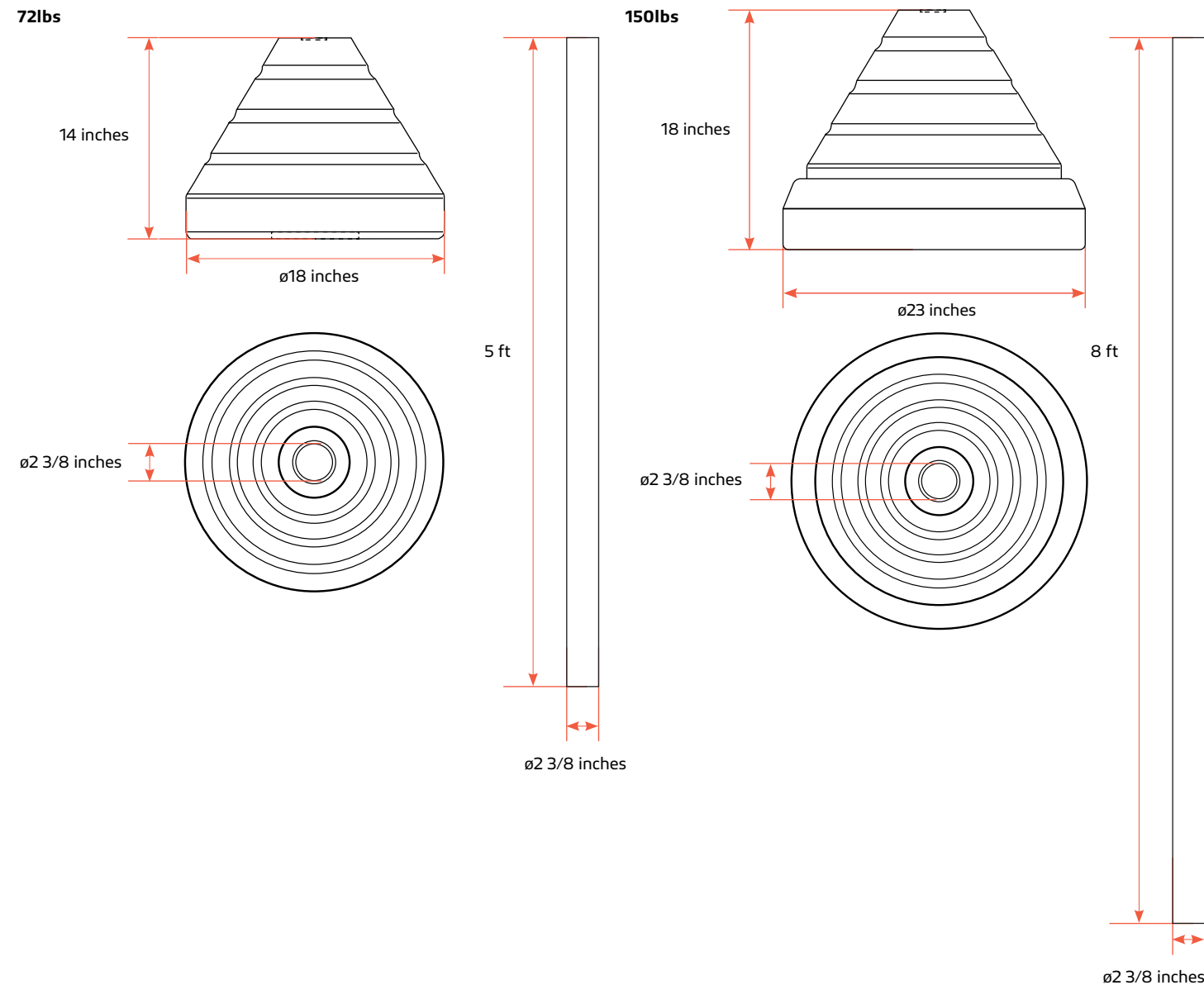
FLUX 6W | 20W

QUICK DEPLOYMENT



DIMENSIONAL DRAWINGS

PORTA Solar Mobile Portable Pole



Porta-Pole Disclaimer

PORTA-Pole is specified to be compatible with SOLTECH-approved light fixtures included in this spec sheet. It is strongly recommended NOT to substitute lights to maintain EPA integrity.

SPECIFICATIONS & PERFORMANCE

PORTA Solar Mobile Portable Pole

SPECIFICATIONS	PORTA	
POLE HEIGHT OPTIONS	5ft / 8ft (Without Luminaire)	
BASE WEIGHT OPTIONS	72lbs / 150lbs	
CASTING	PVC and Rubber	
BASE DIMENSIONS	72lbs: 18 X 18 X 14 In	150lbs: 23 X 23 X 18 In
POLE PROFILE	Round	
POLE SECTIONS	1	

PRODUCT NUMBER BUILDER

Example: **STLPORBA72STLPORPL5STLSFL104WMBK**

This means the customer wants a Solar Mobile Portable Pole PORTA with 72lbs Rubber Base, 5ft Pole Height and SOLPAD 10W Fixture.

BASE	POLE	FIXTURE
STLPORBA72=PORTA 72lbs Rubber Base	STLPORPL5=PORTA 5ft Aluminum Pole	STLFLX204PMGY=FLUX 20W
STLPORBA150=PORTA 150lbs Rubber Base	STLPORPL8=PORTA 8ft Aluminum Pole	STLSTC08T35SFGY=SUNLIKE 8W
		STLSTC020T35SFGY=SUNLIKE 20W
		STLSTC030T35SFGY=SUNLIKE 30W

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DO NOT send the sample number directly to our salesperson. Use the information in the chart above to create a model number with the correct series, wattage, temperature, mounting option, and finish for the product that you want.

LUMINAIRE SPECIFICATIONS

PORTA Solar Mobile Portable Pole

SPECIFICATIONS	SUNLIKE 8W	SUNLIKE 20W	SUNLIKE 30W
LED NOMINAL POWER	8	20	30
SOLAR PANEL	18V 17W	18V 36W	18V 52W
LIFEPO ₄ BATTERY	115WH 12.8V 9AH	256WH 12.8V 20AH	384WH 12.8V 30AH
WEIGHT	11.7 Lbs	21.4 lbs	29.8 lbs
LUMEN OUTPUT	1,600@5000K	4,000@5000K	6,000@5000K
IP RATING	IP65	IP65	IP65
CRI	CRI > 70	CRI > 70	CRI > 70
CASTING	ALUMINUM	ALUMINUM	ALUMINUM
EFFICIENCY	200 LM/W@5,000K	200 LM/W@5,000K	200 LM/W@5,000K
LED CHIP	Lumileds 5050 (215 LM-CR>70)	Lumileds 5050 (215 LM-CR>70)	Lumileds 5050 (215 LM-CR>70)
* CHARGING TIME	7 Hrs	7 Hrs	7 Hrs
RUN TIME (@FULL POWER)	10 Hrs	10 Hrs	10 Hrs
OPERATION MODE	REMOTE CONTROL AND ONE-KEY SETTING	REMOTE CONTROL AND ONE-KEY SETTING	REMOTE CONTROL AND ONE-KEY SETTING
* OPERATING TEMPERATURE	0°C/32°F to 140°F	0°C/32°F to 140°F	0°C/32°F to 140°F
* CHARGING TEMPERATURE	0°C/32°F to 140°F	0°C/32°F to 140°F	0°C/32°F to 140°F

Porta-Pole Disclaimer

PORTA-Pole is specified to be compatible with SOLTECH-approved light fixtures included in this spec sheet. It is strongly recommended NOT to substitute lights to maintain EPA integrity.

FLUX 6W	FLUX 20W
6	20
10V 10W	10V 20W
6.4V	6.4V
/	/
1,020@4,000K	3,400@4,000K
IP66	IP66
CRI > 70	CRI > 70
ALUMINUM & PC	ALUMINUM & PC
170 LM/W@4,000K	170 LM/W@4,000K
/	/
6 Hrs	6 Hrs
5-7 Rainy Days	5-7 Rainy Days
7 Operating Modes	7 Operating Modes
0°C/32°F to 140°F	0°C/32°F to 140°F
0°C/32°F to 140°F	0°C/32°F to 140°F
BEAM SPREAD	BEAM SPREAD
>130°, NEMA type 7 Very Wide	>130°, NEMA type 7 Very Wide
CABLE LENGTH	CABLE LENGTH
16.5 ft	16.5 ft

* The temperature can impact the battery's charging and normal operation. If your site's temperature is under 32°F, we advise you to use the SUNLIKE PRO model to achieve better lighting results.

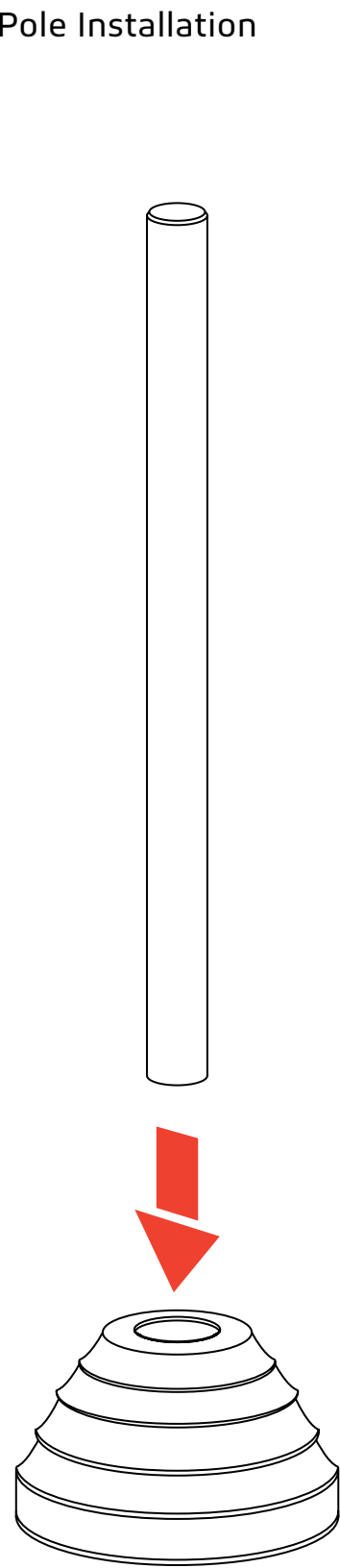
* The solar charge time data is based on 77 degree F ambient temperature with the panel pointed directly at the solar radiation. The standard radiation value is 1000W/m².

MOUNTING ACCESSORIES

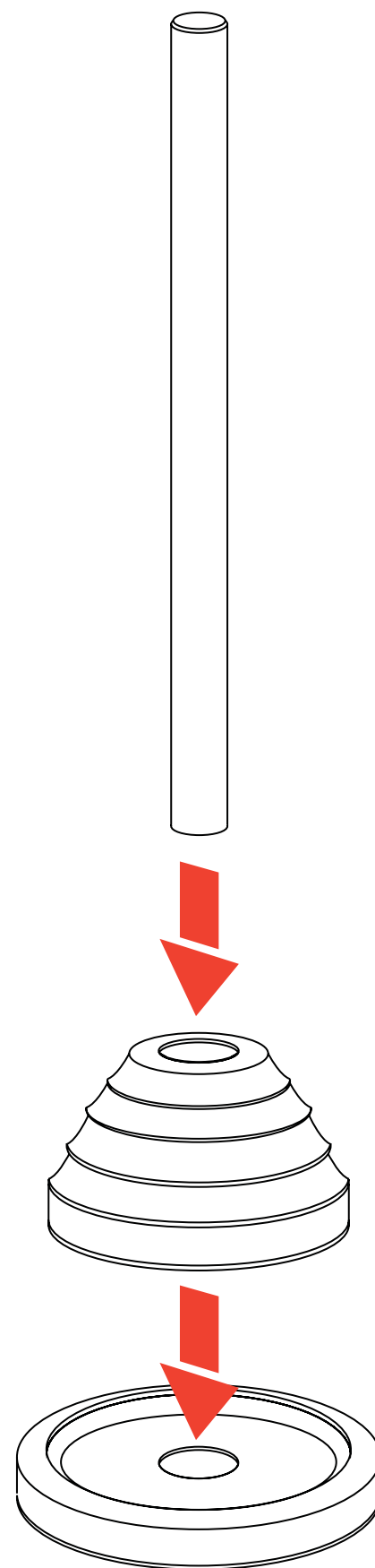
PORTA Solar Mobile Portable Pole

01. Porta Pole Installation

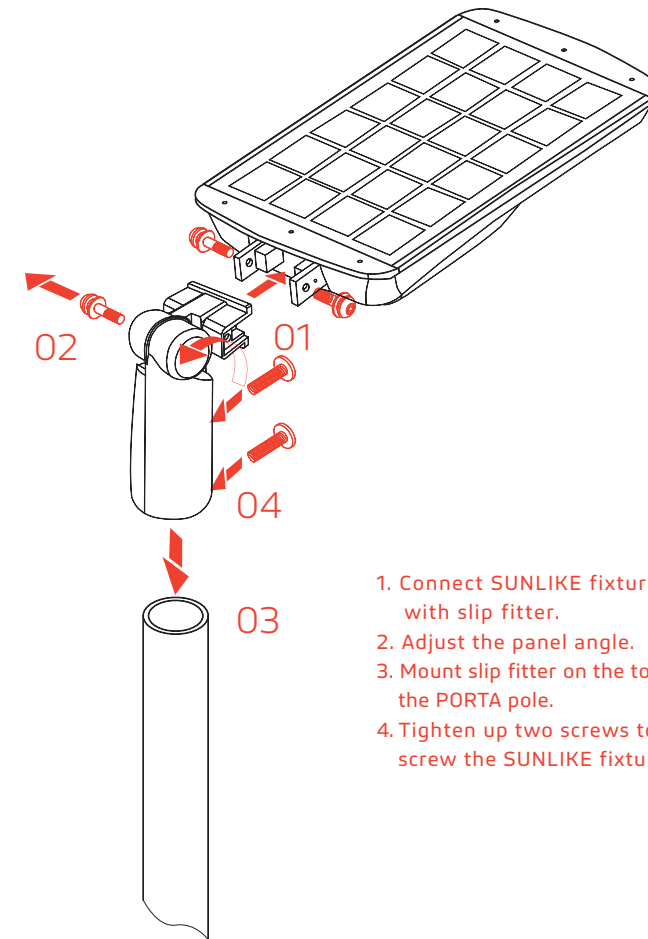
72lbs



150lbs

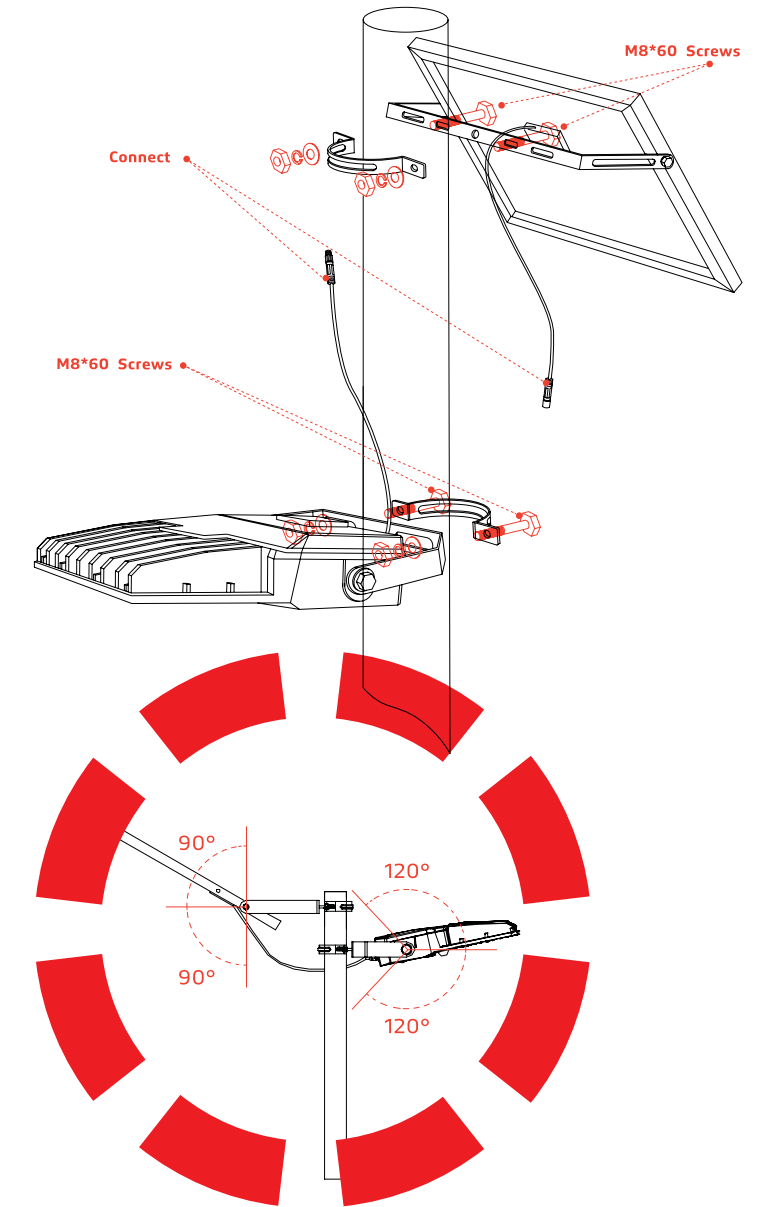


02. SUNLIKE Fixtures Installation



1. Connect SUNLIKE fixture with slip fitter.
2. Adjust the panel angle.
3. Mount slip fitter on the top of the PORTA pole.
4. Tighten up two screws to screw the SUNLIKE fixture.

03. FLUX Fixtures Installation



First, mount the solar panel to the pole:

1. Use the screw kit to secure the pole mount base and the solar panel bracket to the pole.
2. Then attach the solar panel to the bracket.

Then, mount the fixture:

3. Attach the bracket to the fixture.
4. Use the screw kit to secure the fixture bracket to the pole mount base on the pole.
5. Connect the light and solar panel cables.

Optimum glare-free lighting to a host of construction, quick response, and specialist needs.

HELIOS Diffuser Balloon Light

HELIOS Diffuser Balloon Light, Pentapod Stand with 3-stage mast assembly. With its powerful LED system and 3-position dimmer design, this unit provides optimum glare-free lighting to a host of construction, quick response, and specialist needs.

For more information, please visit our website:
www.super-empower.com



"WE EMPOWER WATT MATTERS"



ABOUT OUR HELIOS

HELIOS Diffuser Balloon Light

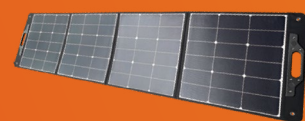
OPTIMUM GLARE-FREE LIGHTING TO A HOST OF CONSTRUCTION, QUICK RESPONSE, AND SPECIALIST NEEDS

- Flexible Range of Visibility**
 - 400W-800W Dimmable and CCT adjustable.
 - 128,000 lumens (800W)
 - The diffused light can eliminate glare and make night work safer and easier on the eyes.
- Heavy Duty Guarantee**
 - IP65 waterproof, durable for outdoor uses or wet areas.
 - Long life hours, low maintenance—Up to 40,000 hours of operating life per LED chip
- Clean, Quiet & Environmentally Friendly**
 - Environmentally economically smart—LED reduces operating costs and CO² emissions by up to 85%
- Easy Deploy & Move**
 - The tool bag is designed for portable applications and is easy to carry.
- Lower Costs**
 - No trenching, cabling, electricity nor diesel costs
 - Zero emission of greenhouse gases

FEATURED ACCESSORIES (NOT INCLUDED)



Powerplay Portable Power Bank
600W | 1000W | 1500W



Portable Solar Power Charging Panel
100W | 200W



Heavy Duty Carabiner



HELIOS DIFFUSER BALLOON LIGHT

UP 128,000 Lumen

APPLICATIONS



CONSTRUCTIONS:
Our portable diffuser balloon light is revolutionizing the construction industry. It illuminates your workplace and provides security with no fuel.



DISASTER RELIEF:
Whenever disasters occur, the ability to quickly source emergency light is critical to save lives and minimize damage.



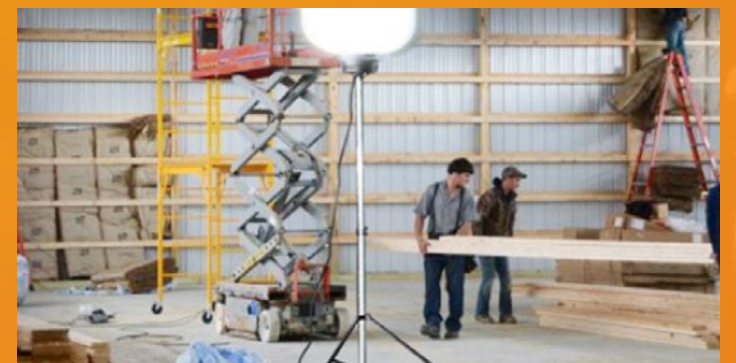
TRAFFIC:
Our diffuser balloon light can provide the illumination needed to complete nighttime rescue, disaster, or investigative operations safely.



FILM + TELEVISION:
Portable & Mobile diffuser balloon light delivers zero-emission soft lighting with quiet operation perfect for film and television locations.



EVENTS:
It has never been easier to stage an event than with the help of light towers to provide security and illumination.



UTILITIES:
Utility organizations can use diffuser balloon light for multiple purposes.

DIMENSIONAL DRAWINGS

HELIOS Diffuser Balloon Light

HELIOS 800W



SPECIFICATIONS & PERFORMANCE

HELIOS Diffuser Balloon Light

SPECIFICATIONS	HELIOS
POWER	800W
VOLTAGE	AC100-277V
FREQUENCY	50/60Hz
PF	≥0.95
CABLE LENGTH	16.4 ft
LED CHIPS	Lumileds
LUMEN	128,000lm
CRI	≥70Ra
INFLATED DIMENSION	35.4 X 24.0 Inches
LAMP WEIGHT	43.2Lb

TRIPOD

HEIGHT(MIN-MAX)	5.4-12.5 ft
NET WEIGHT	23.0 lb

PRODUCT NUMBER BUILDER

HELIOS 800W HL10-800

- **Easy to Use**
- **Fully Illuminated**
- **Convenient to Carry**
- **Durable and Sturdy**



LUNA Diffuser Balloon Light

LUNA Diffuser Balloon Light, Pentapod Stand with 3-stage mast assembly. With its powerful LED system and 3-position dimmer design, this unit provides optimum glare-free lighting to a host of construction, quick response, and specialist needs.

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"WE EMPOWER WATT MATTERS"

ABOUT OUR HELIOS

LUNA Diffuser Balloon Light

**EASY TO USE
FULLY ILLUMINATED
CONVENIENT TO CARRY
DURABLE AND STURDY**



Flexible Range of Visibility

- Optional illuminance settings—3-stage dimming controls (100W, 180W, 250W)
- 30,000 lumens (250W), 21,600 lumens (180W), 12,000 lumens (100W)
- The diffused light can eliminate glare and make night work safer and easier on the eyes.



Heavy Duty Guarantee

- IP65 waterproof, durable for outdoor uses or wet areas.
- Long life hours, low maintenance—Up to 40,000 hours of operating life per LED chip



Clean, Quiet & Environmentally Friendly

- Environmentally economically smart—LED reduces operating costs and CO² emissions by up to 85%



Easy Deploy & Move

- The tool bag is designed for portable applications and is easy to carry.



Lower Costs

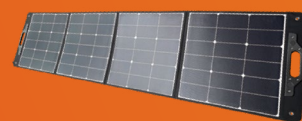
- No trenching, cabling, electricity nor diesel costs
- Zero emission of greenhouse gases

FEATURED ACCESSORIES

(NOT INCLUDED)



Powerplay Portable Power Bank
600W | 1000W | 1500W



Portable Solar Power Charging Panel
100W | 200W



LUNA DIFFUSER BALLOON LIGHT

UP 30,000 Lumen

OPTIONAL MOUNTING

EYEBOLT



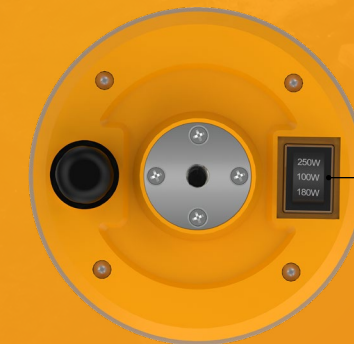
CARBINER



PENTAPOD STAND



DIMMABLE LUMEN OUTPUT



At the bottom of the light head, it has one-button-control dimmable lumen output which from 100W to 250W.

DIMENSIONAL DRAWINGS

LUNA Diffuser Balloon Light



SPECIFICATIONS & PERFORMANCE

LUNA Diffuser Balloon Light

SPECIFICATIONS	LUNA
POWER	100W 180W 250W
LUMEN	12,000lm 21,600lm 30,000lm
VOLTAGE	100-277VAC 50-60Hz
WATERPROOF RATE	IP65
WARRANTY	5 Years
CERTIFICATE	CUL/UL/FCC/CE/ROHS
STANDARD CABLE LENGTH	16 ft
ILLUMINATION RADIUS	75 ft
LAMP LIFE	40,000 Hrs
WEIGHT	32.6 lb
CCT	3,000-5,000K

PRODUCT NUMBER BUILDER

LUNA 250W STL-LUNA-250



WALLE PORTABLE POWER STATION

6KWH

Empower WALLE is a portable battery energy storage system that reigns supreme in silent, emission-free, off-grid power. It has flexible and silent power for lights, sound, camera, and more, handling the power needs of temporary projects of almost any scale.

- Remote Lighting Needs Without The Excess Cabling
- Battery Charging And LED Needs
- Power For Small-sized DJ Sets

FEATURES

- Quiet operation compared to traditional generators
- Reliable performance for temporary projects big and small
- Quick setup allows convenient power management
- Portable and easy to transport
- Clean and green energy ensures a carbon-neutral footprint

SPECIFICATIONS

STORAGE 6kWh	BATTERY TYPE Lithium-ion
AC CHARGING	DC CHARGING
AC OUTPUT	OUTLETS 120VAC 20 Amp Circuit 5 VDC USB
LED LIGHT POWER 85W 250W	LUMEN 10,200LM 30,000LM

APPLICATIONS

- CONSTRUCTIONS
- TRAFFIC
- FILM + TELEVISION
- DISASTER RELIEF
- EMERGENCY POWER BACKUP
- EVENTS



LITHIUM-ION BATTERY PACK

640WH | 1280WH | 2560WH



PRODUCT SIZE
50AH 12.8V: L21.0 X W8.2 X H8.35 IN 11.7LB
100AH 12.8V: L10.2 X W6.6 X H8.3 IN 24.2LB
100H 12.8V MINI: L13.0 X W6.8 X H8.4 IN 18.9LB
200AH 12.8V: L21.0 X W8.2 X H8.4 IN 45.8LB

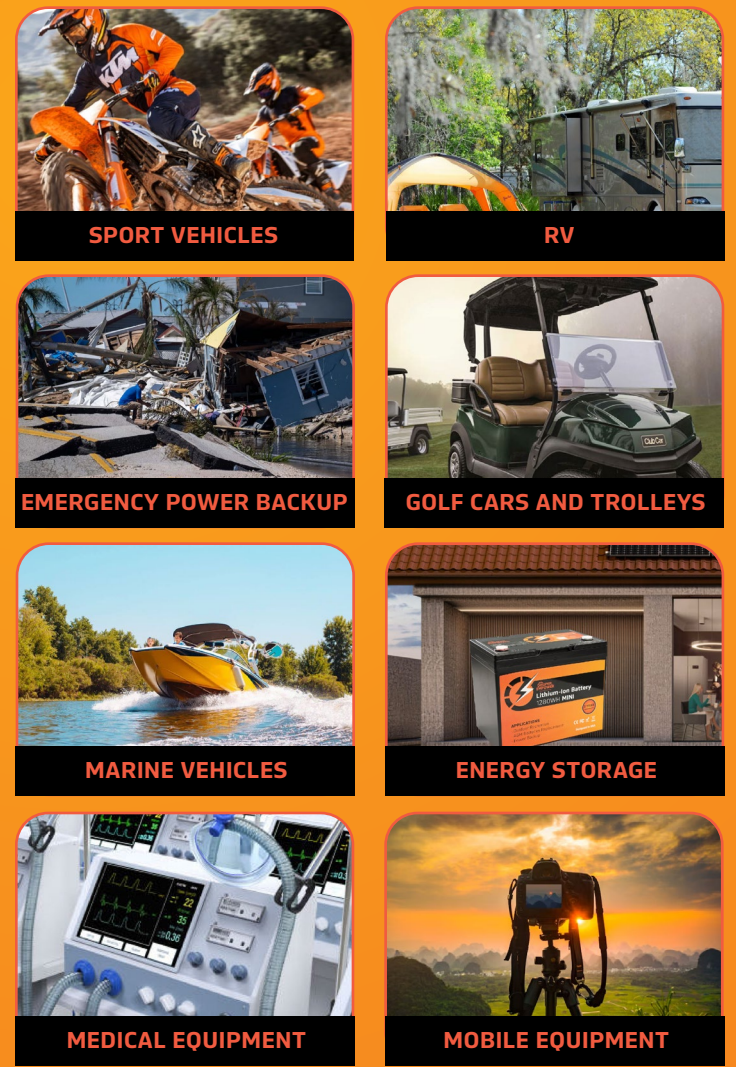
YOUR PROFESSIONAL MOBILE ENERGY SOLUTION PROVIDER

THE PERFECT SOLUTION TO REPLACE LEAD-ACID BATTERIES.

KEY BENEFITS OF LITHIUM-ION BATTERY

- **VERSATILE AND DURABLE**
Low Voltage Protection prevents over-discharge and cell damage.
- **LIGHTER AND COMPACT**
High-energy density lithium-ion battery provides more power than lead-acid batteries.
- **EXTENDED LIFESPAN**
Up to 6,000 charging cycles compared to the 500 cycles of Lead-acid batteries.
- **FASTER CHARGING**
A higher charge acceptance rate allows the batteries to recharge quickly.
- **SCALABILITY**
Modularity is a key factor for easy expansion.

APPLICATIONS



SPORT VEHICLES

RV

EMERGENCY POWER BACKUP

GOLF CARS AND TROLLEYS

MARINE VEHICLES

ENERGY STORAGE

MEDICAL EQUIPMENT

MOBILE EQUIPMENT